

Features

- Hot-Swappable 3.5-inch SATA drive bays
 - DNS-1250-04: 4 Bays
Supports up to 12TB with 3TB drives
 - DNS-1250-06: 6 Bays
Supports up to 18TB with 3TB drives
- Two Gigabit Ethernet Ports
- Five USB 2.0 Ports
 - UPS, Printer, and External Storage Support
- RAID Support
 - DNS-1250-04: 0, 1, 5, 6, 10, JBOD or Standard
 - DNS-1250-06: 0, 1, 5, 6, 10, 30, 50, JBOD or Standard
- RAID Migration
- Predictive Data Migration (PDM)
- Online Capacity Expansion
- Virtual Disk Drive (VDD) Expansion

Storage Management/ Networking

- iSCSI (up to 32 iSCSI targets)
- DDNS
- Snapshots (up to 32 Snapshots supported)
- SNMP
- CIFS/SMB/Samba
- NFS
- AFP
- FTP
- FTP over SSL
- WebDAV
- Link Aggregation
- Jumbo Frame Support
- HTTP/HTTPS
- NTP
- ADS Support
- LDAP Support
- Web File Manager
- E-mail Alerts
- Scheduled Downloads from Web or FTP Sites
- Telnet
- LLTD
- IPv4/IPv6
- LUN Mapping & LUN Masking
- DHCP (Server/Client)
- S.M.A.R.T. Hard Disk Diagnostics
- Amazon S3 Cloud Storage Synchronization
- VMware Ready

business



ShareCenter® Pro 1250 - 4-bay & 6-bay NAS/iSCSI Unified Storage for Small and Medium Businesses

Small and medium businesses face an ever increasing need for storage consolidation, document sharing and data backup. D-Link's DNS-1250 series (DNS-1250-04 and DNS-1250-06) ShareCenter® Pro 1250 Network Storage device addresses these requirements, and provides a multitude of advanced options for managing and securing important files.

Setup and configuration of the DNS-1250 series can be completed in a matter of minutes with our simple and easy to use One Click Setup and intuitive Web Based Interfaces.

Unified Storage Solution

The DNS-1250 series is a unified solution that provides iSCSI and NAS functionalities including MPIO and LUN-masking. It boasts strong iSCSI write performance, greater than many competing products. It also provides versatile RAID support. It features Serial ATA (SATA) disk drive bays (DNS-1250-04: four bays, DNS-1250-06: six bays) and supports volumes in RAID level 0, 1, 5, 6, 10, JBOD and Standard Mode configurations (the DNS-1250-06 also supports RAID levels 30 & 50). Additionally, S.M.A.R.T. disk diagnostics help to ensure data integrity through monitoring of the hard drives. Any hard drive problems detected can be dealt with by Predictive Data Migration (PDM) which moves data from an affected drive to a healthy drive to ensure no loss of data.

NAS File Server

Small and Medium Businesses will appreciate the DNS-1250 series NAS file server which takes advantage of the accelerated performance of the Intel Atom Dual-Core processor. Providing up to 9000 MIPS of computing power and 2GB of cache memory, the DNS-1250 series is able to provide the performance required for your business and its future growth with throughput up to 210MB/s in iSCSI applications.

Virtual Disk Drive (VDD) Expansion

Virtual Disk Drive (VDD) expansion allows the ShareCenter® Pro 1250 to attach up to eight external iSCSI storage targets found on the local network, and use them as virtual disks for additional storage volumes.

Advanced Security

Account management features include the ability to manage users & groups and their read/write permissions, create users, groups, and iSCSI targets with password authentication. Additionally, VLAN tagging support combined with AES encryption keeps files secure. The DNS-1250 series implements CHAP authentication, system firewall and IP blocking to guarantee secure access to the storage system.

A Variety of Backup Options

The DNS-1250 series offers a comprehensive range of backup options which allow administrators and users to control how, when and where their data is stored. Use the USB ports to back up folders from NAS to a flash drive. Users can also take a volume snapshot, back up to Cloud storage, or remotely back up to a server by using an rsync backup utility. Many third-party backup solutions like Acronis Backup & Recovery are also supported.

iSCSI for IP Networks

iSCSI offers fast access performance thanks to block-level data transfer. iSCSI targets appear as a local drive on a client PC or host server. Operations such as configuration, provisioning, and backup can be handled by the administrator in the same way they would be for direct-attached storage (DAS). By utilizing existing Ethernet technology, the cost associated with separate host bus adapters and the per-Gigabyte cost for storage can be significantly reduced when compared versus the Fibre-Channel alternative.



ShareCenter® Pro 1250 - 4-bay & 6-bay NAS/iSCSI Unified Storage for Small and Medium Businesses

Security

- CHAP Authentication
- AES 256-bit Encrypted Volumes
- System Firewall
- IP Blocking
- Connection Monitor
- SSH

Backup

- Remote Backup
- Local Backup
- Backup Software Included
- Cloud Storage Backup
- One Touch External Backup
- Apple Time Machine Support

Power Management

- Power Management to Conserve Energy and Extend Hard Drive Life
 - Schedule Power On/Off
 - Hard Disk Hibernation
- MAID 2.0 Technology

Share Printers and USB Storage

USB connectivity provides the option to connect a printer to the ShareCenter® Pro 1250 and utilize it as a print server, or to connect devices such as hard drives and flash storage to share on your network.

Green Features Save Energy

The DNS-1250 series supports Massive Array of Idle Disks (MAID 2.0) technology which enables significant power savings. It does this by automatically switching off disk drives that are not in active use. The DNS-1250 series is also 80 Plus certified. 80 Plus certification is granted to products that have more than 80% energy efficiency at certain levels of rated load. This enables the ShareCenter® Pro 1250 to run more efficiently by using less electricity, allowing it to run cooler and with reduced operating costs.

Convenient Graphical User Interface

The user interface is clean, intuitive, and professional, which dramatically increases usability. Information and functions are easily seen and found in a clear interface which users will be able to manage without requiring special IT knowledge.

Technical Specifications

System Features

Networking	<ul style="list-style-type: none"> • IEEE 802.3ad • DHCP (Server/Client) • TCP/IP • iSCSI • HTTP/HTTPS • IPv4/IPv6 • SSH 	<ul style="list-style-type: none"> • CIFS/SMB/Samba • NFS • AFP • FTP • FTP over SSL • WebDAV • SNMP 	<ul style="list-style-type: none"> • Telnet • LLTD • DDNS • PXE Server • LUN Mapping & LUN Masking 	<ul style="list-style-type: none"> • NTP • Link Aggregation • Jumbo Frame Support • Scheduled Downloads from Web or FTP Sites
Supported Hard Drive Type	<ul style="list-style-type: none"> • DNS-1250-04: Four Hot-Swappable 3.5-inch SATA drives - Supports up to 12TB with 3TB drives • DNS-1250-06: Six Hot-Swappable 3.5-inch SATA drives - Supports up to 18TB with 3TB drives 			
Ports	<ul style="list-style-type: none"> • 2 x 10/100/1000 Gigabit Ethernet Ports (Wake-on-LAN support) • 5 x USB 2.0 Ports for UPS, printer and external storage (1 in front, 4 in back) 			
Processor	<ul style="list-style-type: none"> • Intel Atom D525 Dual-Core 			
RAM	<ul style="list-style-type: none"> • 2GB 			

System Management

Drive Management	<ul style="list-style-type: none"> • Multiple Hard Drive Configurations: <ul style="list-style-type: none"> - DNS-1250-04: RAID 0/1/5/6/10/JBOD/Standard Mode - DNS-1250-06: RAID 0/1/5/6/10/30/50/ JBOD/ Standard Mode 	<ul style="list-style-type: none"> • SMART Disk Diagnostics • Predictive Data Migration
External Storage Support:	<ul style="list-style-type: none"> • EXT3, EXT4, FAT32, XFS, HFS+, NTFS 	
Device Management	<ul style="list-style-type: none"> • Power Management • Online Capacity Expansion • Web File Manager 	<ul style="list-style-type: none"> • E-mail Alerts • Resource Monitor • MAID 2.0
Active Directory Support:	<ul style="list-style-type: none"> • Windows Active Directory 	<ul style="list-style-type: none"> • Open LDAP
O/S Support:	<ul style="list-style-type: none"> • Windows • Mac • Linux 	<ul style="list-style-type: none"> • Unix • VMware Ready
Browser Support:	<ul style="list-style-type: none"> • Internet Explorer 7 or higher • Firefox 3.5 or higher 	<ul style="list-style-type: none"> • Safari 5.0 or higher • Google Chrome
File Sharing	<ul style="list-style-type: none"> • Maximum User Account: 4096 (Samba) • Maximum Group: 512 (Samba) 	<ul style="list-style-type: none"> • Maximum Shared Folder: 1,024 • Maximum Concurrent Connections: 256
Snapshots	<ul style="list-style-type: none"> • Supports up to 32 snapshots 	
Multi-language Support	<ul style="list-style-type: none"> • English, French, German, Italian, Japanese, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish 	

Physical & Environment

Power Supply	<ul style="list-style-type: none"> • 250 watts (80 Plus certified)
Input Voltage	<ul style="list-style-type: none"> • 100-240 VAC
Input Frequency	<ul style="list-style-type: none"> • 50-60 Hz
Input Current	<ul style="list-style-type: none"> • 1.5-3.5 A
Operating Temperature	<ul style="list-style-type: none"> • 41° to 95°F (5° to 35°C)
Humidity	<ul style="list-style-type: none"> • 10% to 85% non-condensing
Weight	<ul style="list-style-type: none"> • DNS-1250-04: 9.5 lbs (4.3 kg) • DNS-1250-06: 11.5 lbs (5.2 kg)
Dimensions	<ul style="list-style-type: none"> • DNS-1250-04: 7.5 x 7.4 x 9.6 inches (191 x 188 x 243 mm) • DNS-1250-06: 9.9 x 7.4 x 9.6 inches (251 x 188 x 243 mm)
Certifications	<ul style="list-style-type: none"> • BSMI, C-Tick, CE, FCC, UL, VCCI

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Warranty and Service Information	
Warranty	• 5-Year Limited
Extended Warranty	• Available (See ordering information below)
Ordering Information	
<i>Part Number</i>	<i>Description</i>
DNS-1250-04	• ShareCenter® Pro 1250 with 4 x SATA Drive Bays
DNS-1250-04-LW	• Extended warranty for DNS-1250-04
DNS-1250-06	• ShareCenter® Pro 1250 with 6 x SATA Drive Bays
DNS-1250-06-LW	• Extended warranty for DNS-1250-06

Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details.
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